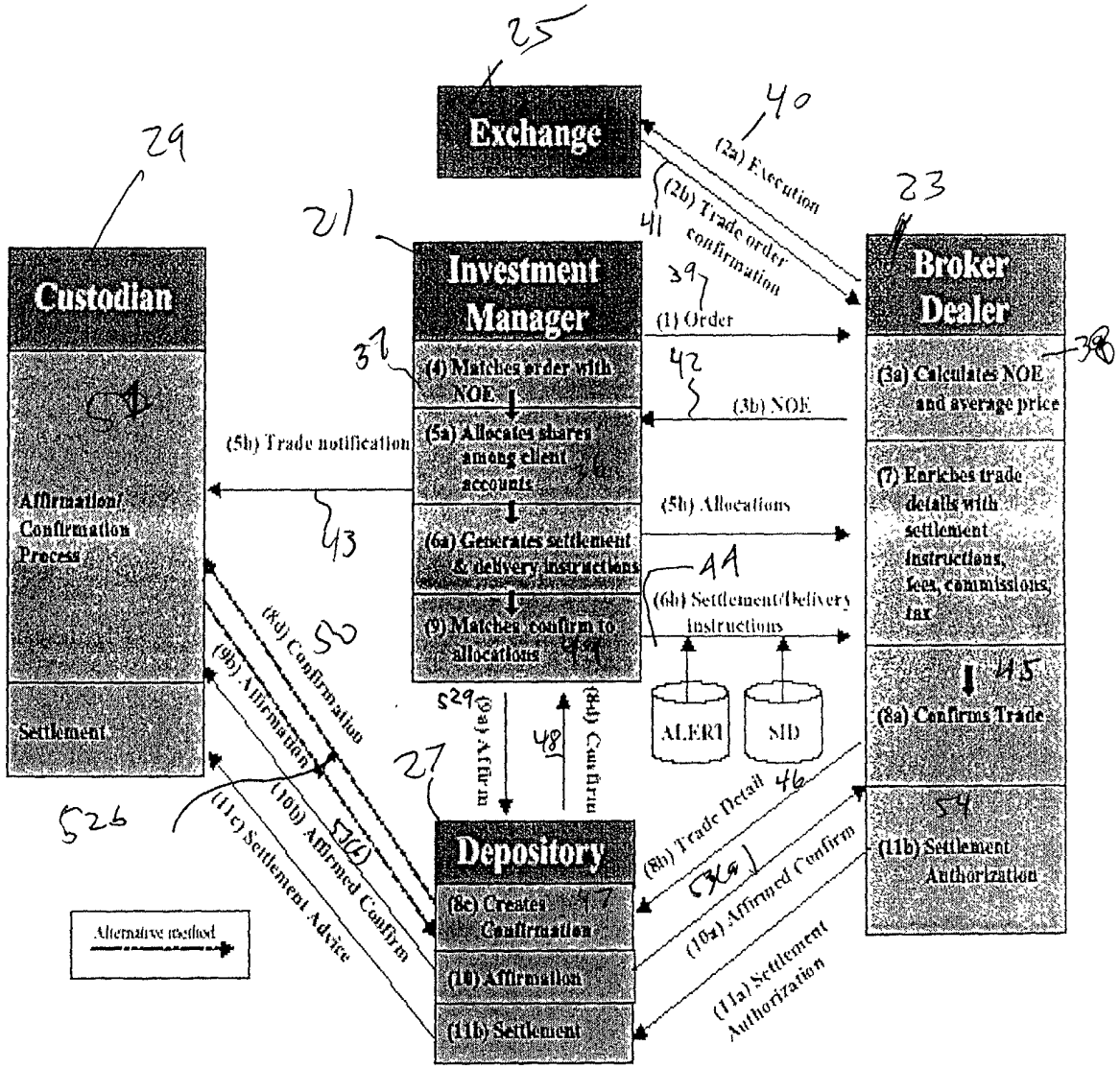
FIG. 1
(PRIOR ART)



System Architecture

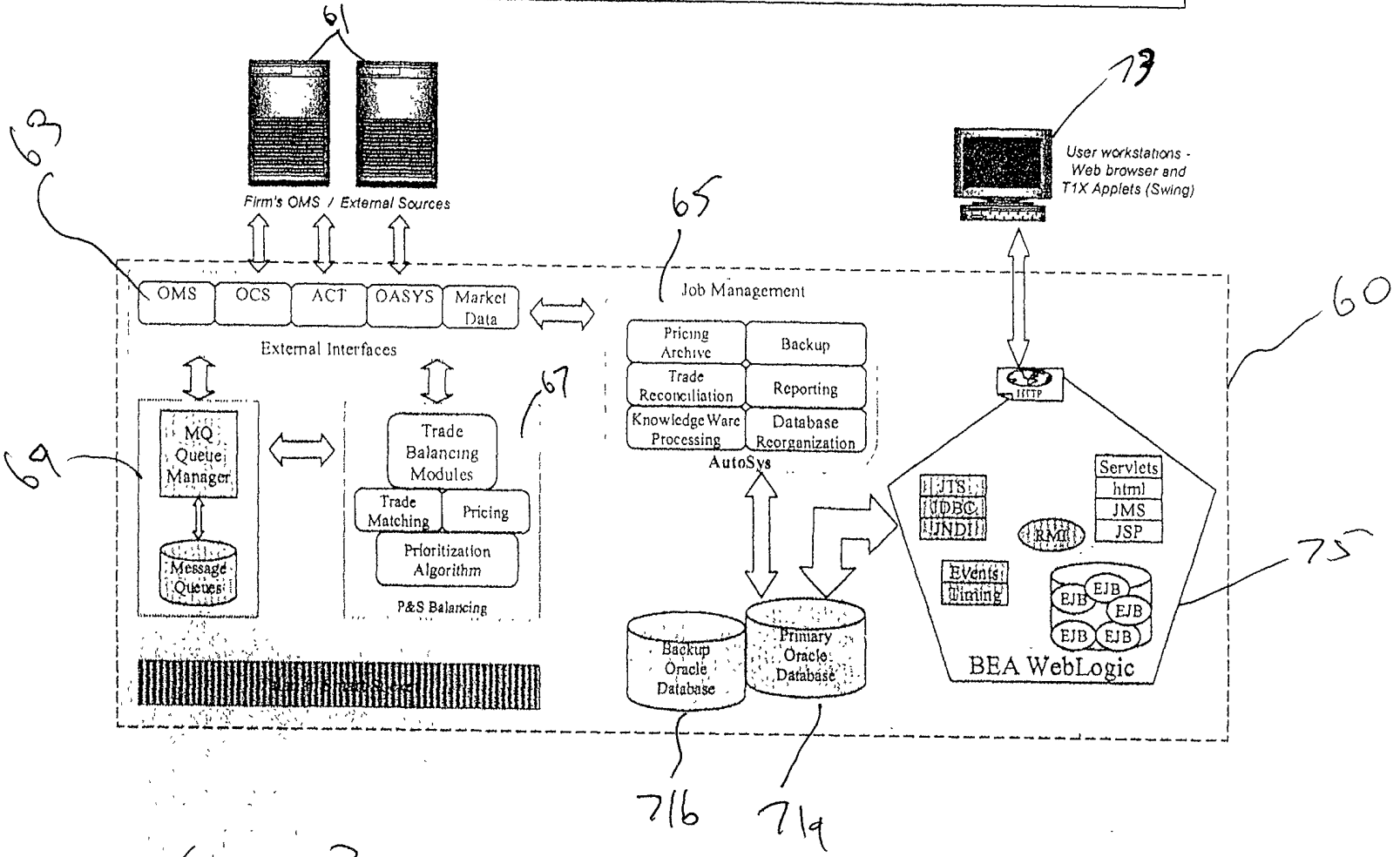


FIG. 2

(System Architecture)

FORM 950 Method

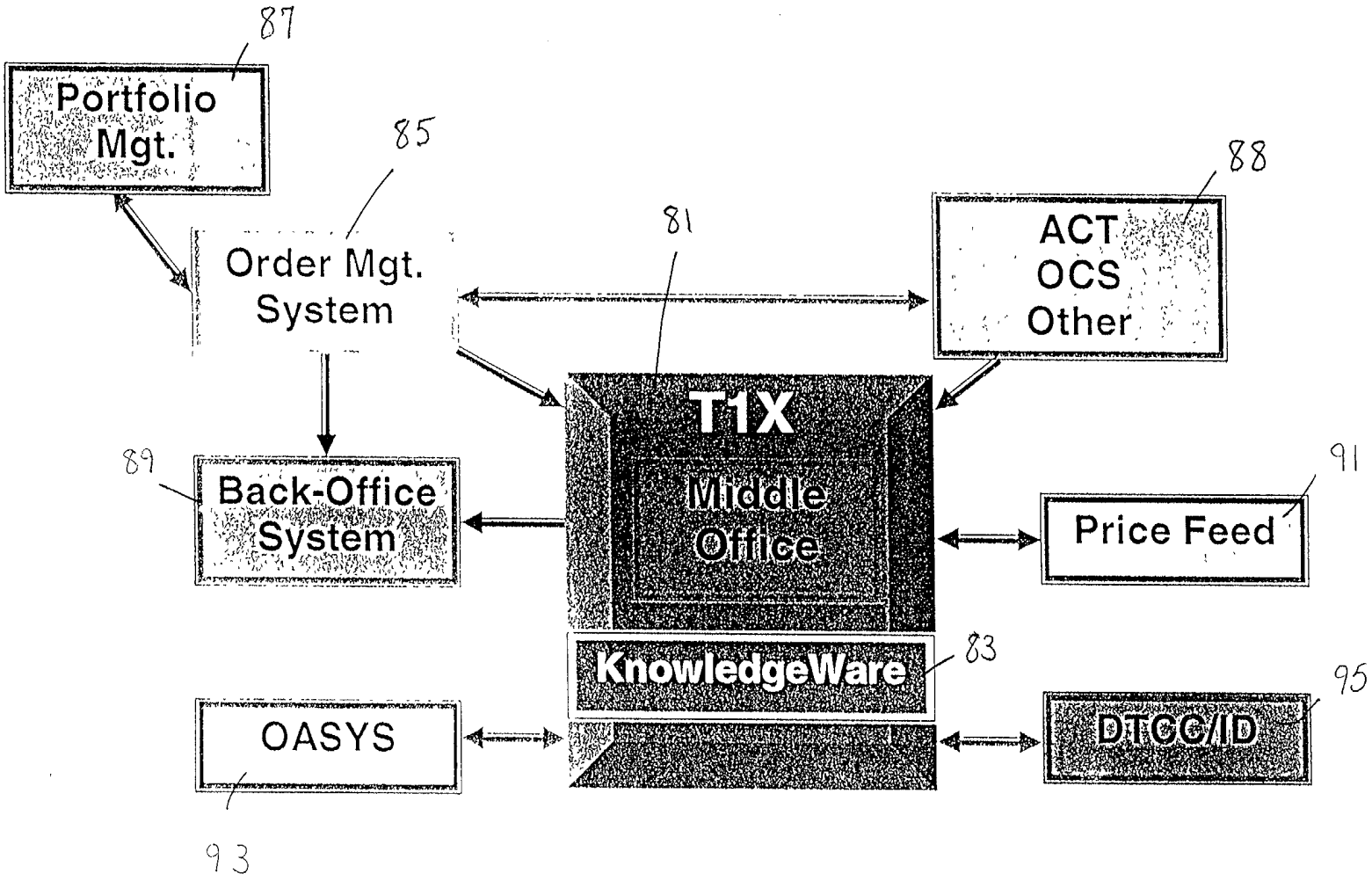


FIG. 3

(Overview)

Application Architecture

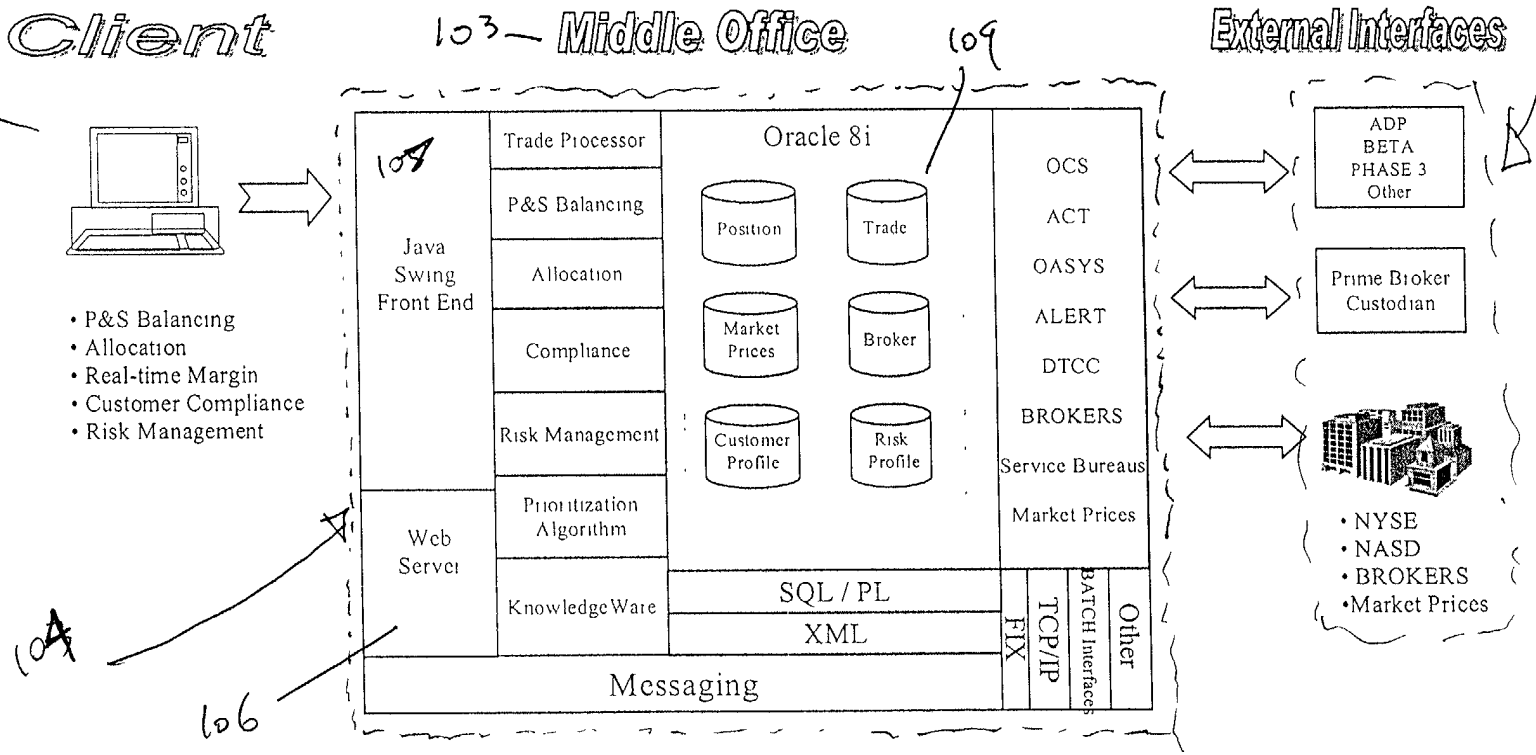


FIG. 4
(Application Architecture)

System Topology

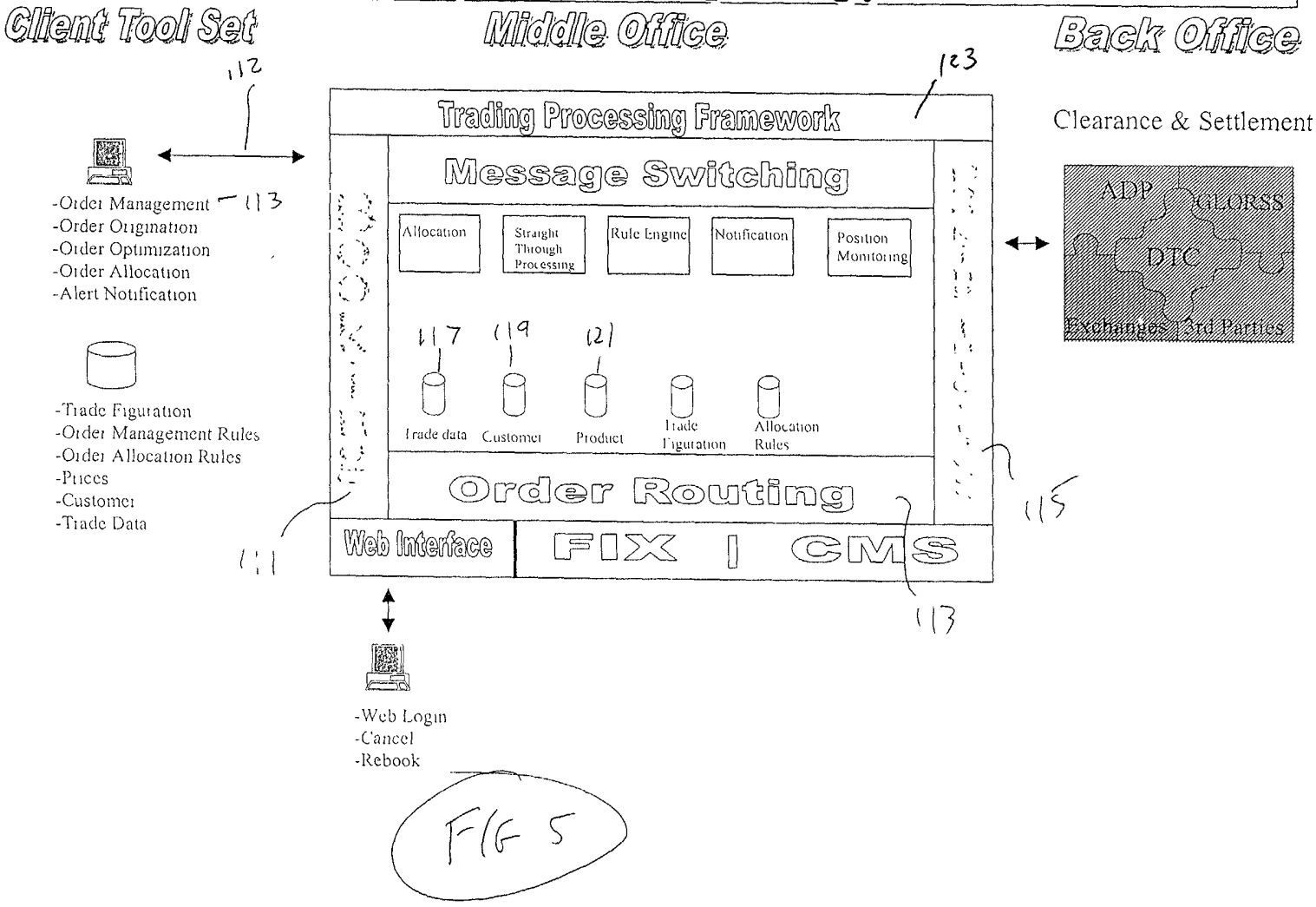


FIG 5

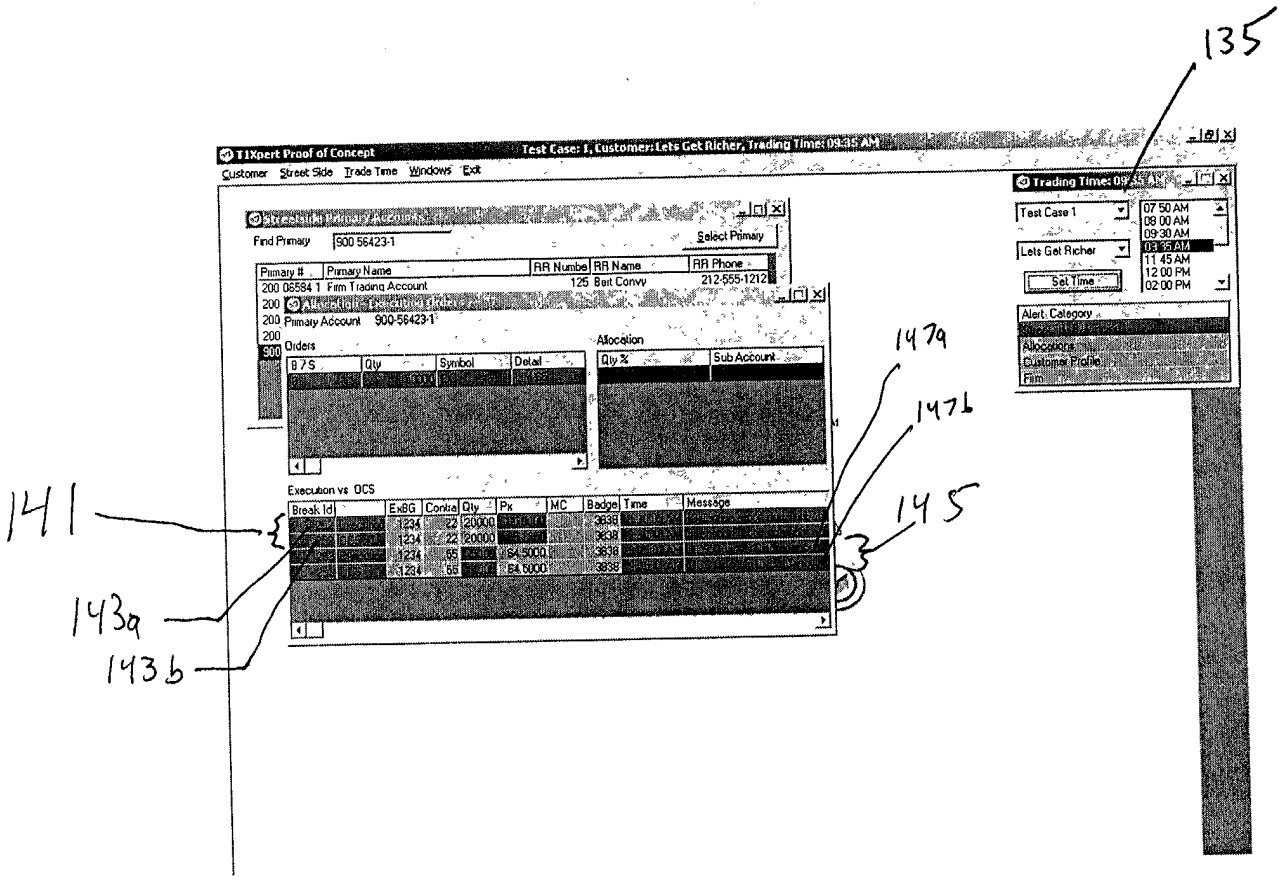

135
141
143a
143b
147a
147b
145
TIXpert Proof of Concept
Test Case: 1, Customer: Lets Get Richer, Trading Time: 09:35 AM
Customer Street Side Trade Time Windows Exit
Trading Times: 09:35
Test Case 1
Lets Get Richer
Set Time
07:50 AM
08:00 AM
09:30 AM
09:35 AM
11:45 AM
12:00 PM
02:00 PM
Alert Category
Allocations
Customer Profile
Firm
Find Primary
900 56423-1
Select Primary
Primary # Primary Name RR Numbe RR Name RR Phone
200 06584 1 Firm Trading Account 125 Bert Convy 212-555-1212
Primary Account 900-56423-1
Orders
B/S Qty Symbol Detail
Allocation
Qty % Sub Account
Execution vs OCS
Break Id ExBG Contra Qty Px MC Badge Time Message
1234 22 20000 3838
1234 22 20000 3838
1234 55 64.5000 3838
1234 55 64.5000 3838

FIG. 6

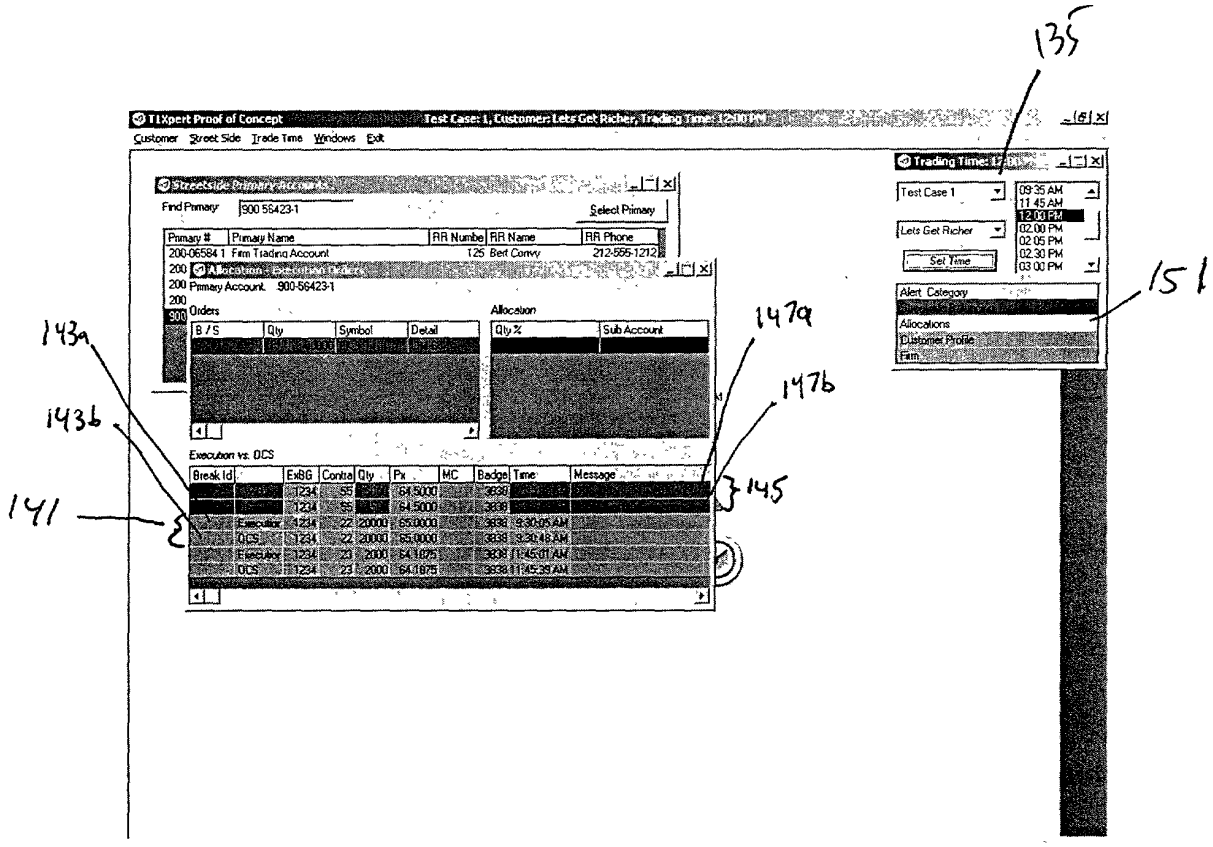

135
TIXpert Proof of Concept
Test Case: 1, Customer: Lets Get Richer, Trading Time: 12:00 PM
Customer Street Side Trade Time Windows Exit
Trading Time: 12:00 PM
Test Case 1
Lets Get Richer
Set Time
09:35 AM
11:45 AM
12:00 PM
02:00 PM
02:05 PM
02:30 PM
03:00 PM
Alert Category
Allocations
Customer Profile
Firm
151
StreetSide Primary Account
Find Primary
900-56423-1
Select Primary
Primary #
Primary Name
RR Numbe
RR Name
RR Phone
200-06584 1
Firm Trading Account
125
Bert Convy
212-555-1212
Allocation - Primary Trader
Primary Account: 900-56423-1
Orders
B / S
Qty
Symbol
Detail
Allocation
Qty %
Sub Account
Execution vs. OCS
Break Id
ExBG
Contra
Qty
Px
MC
Badge
Time
Message
143a
143b
141
147a
147b
145

FIG. 7

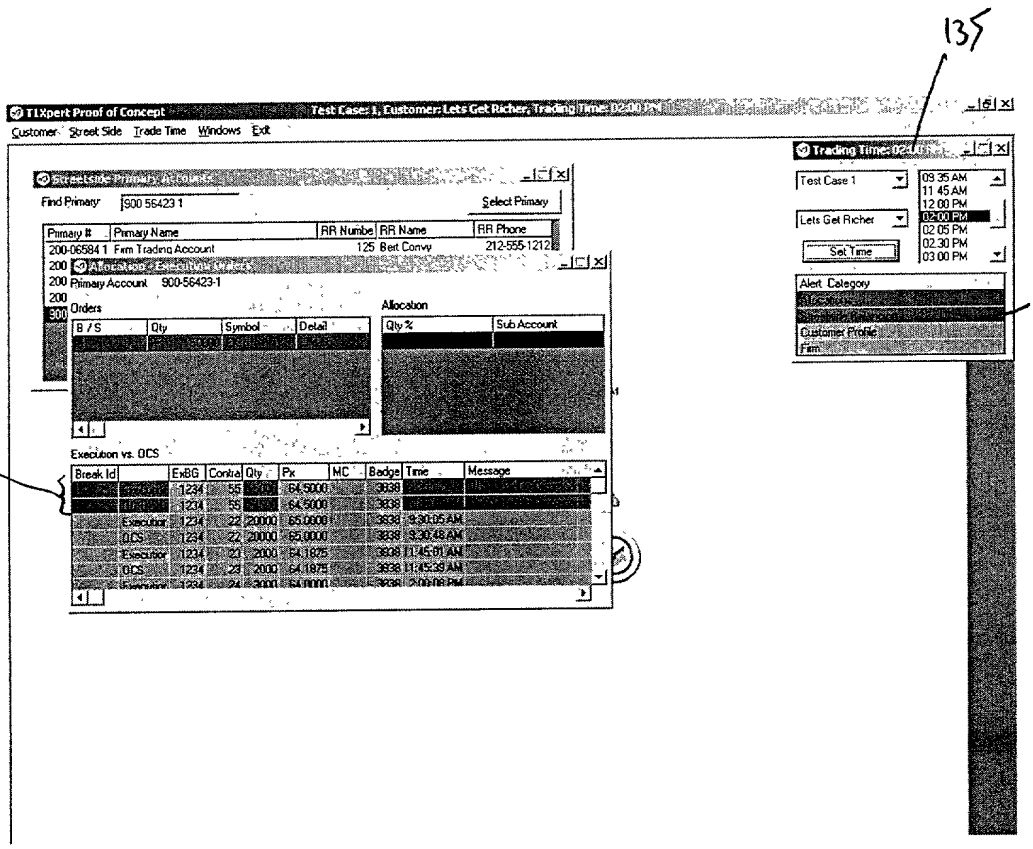

135
TIXpert Proof of Concept
Test Case 1, Customer: Lets Get Richer, Trading Time: 02:00 PM
Customer Street Side Trade Time Windows Exit
Trading Time: 02:00 PM
Test Case 1
Lets Get Richer
Set Time
09:35 AM
11:45 AM
12:00 PM
02:00 PM
02:05 PM
02:30 PM
03:00 PM
Alert Category
Customer Profile
Firm
151
Street Side Primary Accounts
Find Primary
900 56423 1
Select Primary
Primary #
Primary Name
RR Numbe
RR Name
RR Phone
200-06584 1
Firm Trading Account
125
Bert Convy
212-555-1212
Allocation - Executions (Filled)
Primary Account 900-56423-1
Orders
B / S
Qty
Symbol
Detail
Allocation
Qty %
Sub Account
145
Execution vs. OCS
Break Id
ExBG
Contra
Qty
Px
MC
Badge
Time
Message
Executor
OCS
64.5000
65.0000
64.1875
9:30:05 AM
9:30:48 AM
11:45:01 AM
11:45:39 AM

FIG. 8

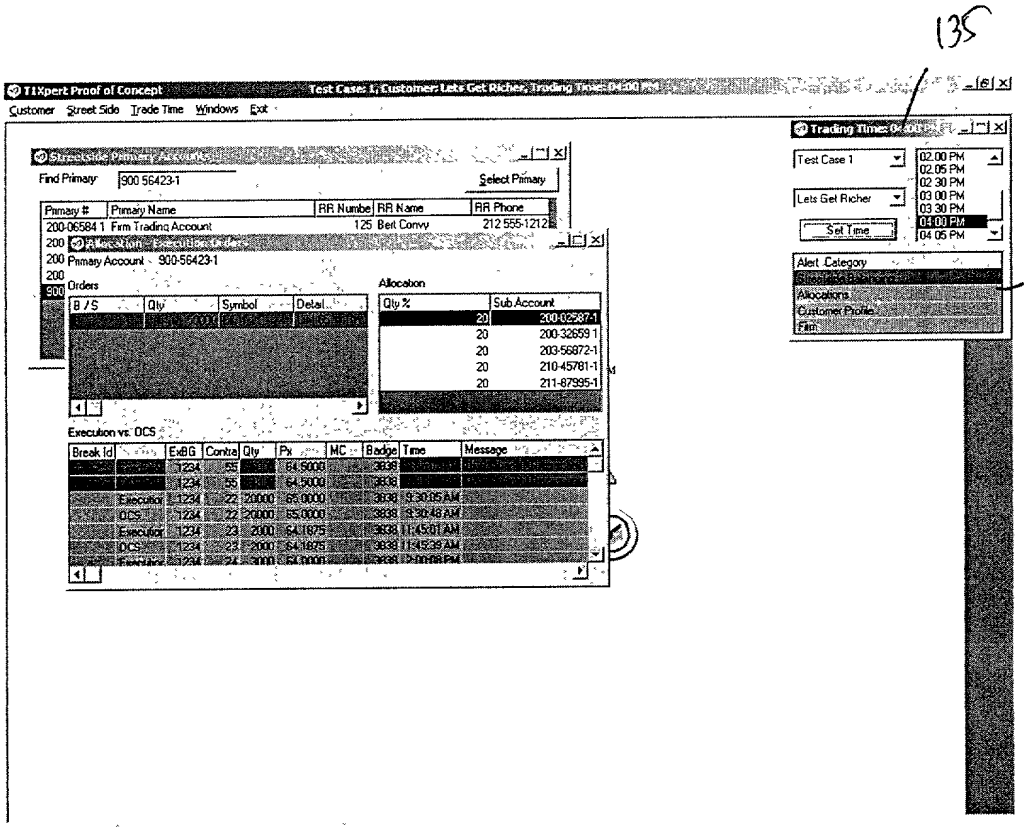
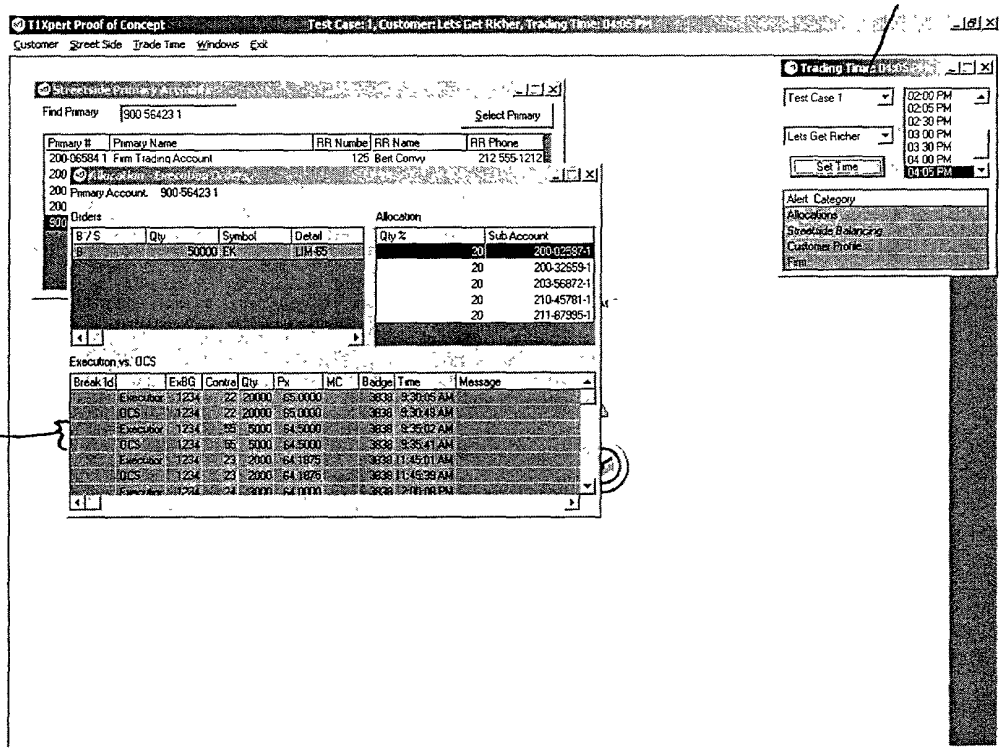

135
TIXpert Proof of Concept
Test Case 1; Customer: Lets Get Richer; Trading Times: 04:00 PM
Customer
Street Side
Trade Time
Windows
Exit
Trading Times 04:00 PM
Test Case 1
Lets Get Richer
Set Time
02:00 PM
02:05 PM
02:30 PM
03:00 PM
03:30 PM
04:00 PM
04:05 PM
Alert Category
Allocations
Customer Profile
Fish
151
Find Primary
900 56423-1
Select Primary
Primary #
Primary Name
RR Numbe
RR Name
RR Phone
200-06584 1
Firm Trading Account
125
Bert Convy
212 555-1212
Primary Account - 900-56423-1
Orders
B / S
Qty
Symbol
Detail
Allocation
Qty %
Sub Account
20
200-02587-1
20
200-32659 1
20
203-56872-1
20
210-45781-1
20
211-87995-1
Execution vs. OCS
Break Id
ExBG
Contra
Qty
Px
MC
Badge
Time
Message

FIG. 9

135



145

FIG. 10